

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

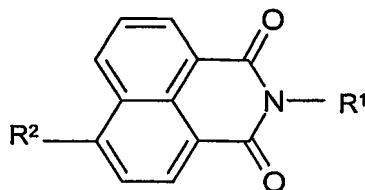


(43) International Publication Date
26 May 2005 (26.05.2005)

PCT

(10) International Publication Number
WO 2005/047265 A1

- (51) International Patent Classification⁷: **C07D 221/14**
- (21) International Application Number:
PCT/EP2004/012873
- (22) International Filing Date:
12 November 2004 (12.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
103 53 328.1 14 November 2003 (14.11.2003) DE
10/770,603 4 February 2004 (04.02.2004) US
- (71) Applicant (for all designated States except US): **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **SCHAMBONY, Simon** [DE/DE]; Tannenstrasse 1, 67067 Ludwigshafen (DE). **GLASER, Alban** [DE/DE]; B4 3, 68159 Mannheim (DE). **SENS, Rüdiger** [DE/DE]; Faselwiese 15, 67069 Ludwigshafen (DE). **BÖHM, Arno** [DE/DE]; Kirchwaldstrasse 75, 68305 Mannheim (DE). **REICHELT, Helmut** [DE/DE]; Johann-Gottlieb-Fichte-Str. 56, 67435 Neustadt (DE).
- (54) Title: **USE OF 4-CYANO-NAPHTHALENE-1, 8-DICARBOXIMIDE DERIVATIVES AND RELATED COMPOUNDS TO PROTECT ORGANIC MATERIAL FROM THE DAMAGING EFFECTS OF LIGHT**
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



(I)

(57) Abstract: A description is given of the use of naphthalene-1,8-dicarboxylic monoimides of the formula (I), in which R¹ is hydrogen, alkyl, alkenyl, cycloalkyl, cycloalkenyl, heterocycloalkyl, aryl or heteroaryl and R² is a radical containing at least one π electron system containing a carbon atom and at least one further atom selected from carbon, oxygen, and nitrogen, with the proviso that the radical contains at least one atom other than carbon; to protect organic material from the damaging effects of light, of compositions which comprise at least one naphthalene-1,8-dicarboxylic monoimide of the formula (I) in an amount which provides protection from the damaging effects of light, and at least one organic material, and of new naphthalene-1,8-dicarboxylic monoimides (I).

WO 2005/047265 A1